

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Method for visually detecting paint gloss deviations, particularly a fogginess and mottling of the paint in a surface paint coat of a vehicle by means of an illuminating system illuminating the vehicle, comprising the steps:

illuminating outer surfaces (F1) of ~~the~~ two sides of the vehicle as well as additional surfaces (F3, F5 and F2, F4) of a forward and rearward vehicle body portion by light beaming devices of an illuminating system in a partially areal manner; and,

observing said outer surfaces and said additional surface along at least one marked path, said observing occurring at a distance (a) from the vehicle (F) at predefined viewing ranges and defined viewing positions (S1 to S6) wherein the at least one marked path consists of a semicircle around the lateral surfaces (F1) of the vehicle and an adjoining segment of a circle to the forward and rearward vehicle body and, on said at least one path, the defined viewing positions (S1 to S6) are assigned to the light beaming devices, and wherein there are additional positions for looking at the outer and additional vehicle surfaces

(F1 to F5) between said defined viewing positions (S1 to S6) on one of said at least one marked path.

2. (Canceled)

3. (Previously Presented) System for implementing the method according to claim 1, said system comprising an arrangement of each of the light beaming devices at a distance from both sides of the vehicle (F) in a longitudinal vehicle center plane (Y-Y) for the lateral vehicle surface (F1), and approximately in a transverse vehicle center plane (X-X) for the forward and rearward vehicle body portions.

4. (Currently Amended) System for implementing the method according to claim 2 1, said system comprising:

an arrangement of at least one of said defined ~~characterized in that the~~ viewing positions on the marked path directly behind at least two of the light beaming devices in the transverse center plane (X-X) of the vehicle, and

an arrangement of the additional viewing positions for at least two other of the light beaming devices which are assigned to the forward and rearward vehicle body part, said additional view positions arranged in ~~the~~ a longitudinal vehicle center plane in each case on both sides of said at least two other light beaming devices on one of said at least two marked paths.

5. (Previously Presented) System according to Claim 3, wherein a light beam of the respective at least two other light beaming device impinges approximately in the center of the forward and rearward vehicle body as well as of the lateral vehicles surfaces (F1), and wherein light cones (L3 and L4) of the each of said light beaming devices include the entire length of the outer vehicle surfaces and at least two of the additional surfaces of the forward and rearward vehicle body.

6. (Previously Presented) System according to claim 4, wherein a viewing range from each lateral viewing positions (S1, S4) on the marked path supplement each other to cover the entire lateral vehicle surface, and overlap one another with the viewing ranges from the forward ones of the viewing positions (S5 and S6) and the rearward ones of the viewing positions (S2 and S3) onto the forward and rearward vehicle body.

7. (Previously Presented) System for implementing the method according to claim 1, said system comprising:

an arrangement of two mutually spaced light beaming devices on each lateral surface (F1) of the vehicle (F), said two spaced light beaming devices

having light cones (L1, L2) which mutually intersect on the lateral surface (F1),
and

illumination means for illuminating the outer vehicle surface as well as at least two of said additional surfaces (F4 and F5) of the forward and rearward vehicle body along a longitudinal vehicle center plane (Y-Y).

8. (Previously Presented) System according to Claim 7, wherein the viewing positions (S1, S4) on the marked path for each vehicle side are in each case provided between the two of said light beaming devices approximately in a transverse vehicle center plane (X-X), and the viewing range, in each case, extends over a partial area of the lateral surface (F1) and intersects with the viewing ranges from the forward and rearward ones of said viewing positions on the lateral surfaces (F1).

9. (Previously Presented) System according to claim 1, wherein the light beaming devices for the forward vehicle surface (F5) are aligned such that the light beam is aligned approximately at an angle of 20° with respect to the ground and impinges in a center on a surface to be checked.

10. (Previously Presented) System according to claim 1, wherein

the light beaming device for the rearward vehicle surface (F4) is aligned such that a light cone is aligned approximately in the center at an angle of 15° with respect to the ground and, in the vertical direction, impinges on a upward-curved area of the rear part, and the light cone covers the lower edge of the rear window.

11. (Previously Presented) System according to claim 1, wherein the light beaming device on the forward vehicle body is aligned such that a light cone impinges in the vertical direction on the upward-curved area of the forward part, and the light cone partially covers the vehicle hood.

12. (Previously Presented) System according to one claim 1, wherein laterally arranged ones of said light beaming devices are aligned at an angle of 90° with respect to the ground, and a light cone extends in the vertical direction approximately from vehicle side member to a belt line of the vehicle (F).

13. (Currently Amended) System for implementing the method according to claim 2 1, said system comprising an arrangement of each of the light beaming devices at a distance from both sides of the vehicle (F) in a longitudinal vehicle center plane (Y-Y) for the lateral vehicle surface (F1), and

approximately in a transverse vehicle center plane (X-X) for the forward and rearward vehicle body portions.

14. (Previously Presented) System for implementing the method according to claim 3, said system comprising:

an arrangement of at least one of said defined viewing positions on the marked path directly behind at least two of the light beaming devices in the transverse center plane (X-X) of the vehicle, and

an arrangement of the additional viewing positions for at least two other of the light beaming devices which are assigned to the forward and rearward vehicle body part, said additional view positions arranged in a longitudinal vehicle center plane in each case on both sides of said at least two other light beaming devices on one of said at least two marked paths.

15. (Previously Presented) System according to claim 5, wherein a viewing range from each lateral viewing positions (S1, S4) on the marked path supplement each other to cover the entire lateral vehicle surface and overlap one another with the viewing ranges from the forward ones of viewing positions (S5 and S6) and the rearward ones of the viewing positions (S2 and S3) onto the forward and rearward vehicle body.

16. (Currently Amended) System for implementing the method according to claim ~~2~~ 1, said system comprising an arrangement of two mutually spaced light beaming devices on each lateral surface (F1) of the vehicle (F), said two spaced light beaming devices having light cones (L1, L2) which mutually intersect on the lateral surface (F1), and illumination means for illuminating the outer vehicle surface as well as at least two of said additional surfaces (F4 and F5) of the forward and rearward vehicle body along a longitudinal vehicle center plane (Y-Y).

17. (Currently Amended) System according to claim ~~2~~ 1, wherein the light beaming devices for the forward vehicle surface (F5) are aligned such that the light beam is aligned approximately at an angle of 20° with respect to the ground and impinges in a center on a surface to be checked.

18. (Currently Amended) System according to claim ~~2~~ 1, wherein the light beaming device for the rearward vehicle surface (F4) is aligned such that a light cone is aligned approximately in the center at an angle of 15° with respect to the ground and, in the vertical direction, impinges on a upward-curved area of the rear part, and the light cone covers the lower edge of the rear window.

19. (Currently Amended) System according to claim ~~2~~ 1, wherein the light beaming device on the forward vehicle body is aligned such that a light cone impinges in the vertical direction on the upward-curved area of the forward part, and the light cone partially covers the vehicle hood.

20. (Currently Amended) System according to one claim ~~2~~ 1, wherein laterally arranged ones of said light beaming devices are aligned at an angle of 90° with respect to the ground, and a light cone extends in the vertical direction approximately from a vehicle side member to a belt line of the vehicle (F).